

# Work Order ID 75792

October 31, 2011 11:20:43 AM

**\*75792\***

Page 1

Item ID: D3489-3-200

Accept

**\*N900040100\***

Setup Start

**\*NS1\***

Revision ID:

Item Name: PIP PIN

Stop

**\*NS2\***

Start Date: 10/31/11 Start Qty: 12.00

**\*12\***

Cust Item ID:

Required Date: 11/04/11 Req'd Qty: 12.00

**\*12\***

Customer:

Reference:

Approvals:

Process Plan:

*CL*

Date: *11/10/31*

Tooling:

Date:

Run Start

**\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop

**\*NR2\***

| Sequence ID/<br>Work Center ID | Operation<br>Description | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|

Draw Nbr

Revision Nbr

D3489

Rev A

100

0.00

**\*100\***

PURCHASING

Purchasing

Memo

0.00

Purchasing

Issue P/O: *153/2* P/N: 806206 Possible Supplier: Jergens

*CL*

*11/10/31*

*(12)*

110

Receive & Inspect for Damage & Mat'l Certs

0.00

**\*110\***

Packaging

Memo

0.00

Packaging

Ensure material certification is attached

*Po 11/11/01*

*(12)*

120

QC6- Inspect dimensions to drawing

0.00

**\*120\***

QC

Memo

0.00

Quality Control

*W*

*11*

*11*

*01*

*(12)*

Dart Aerospace Ltd

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries

**Work Order ID 75792**

October 31, 2011 11:20:43 AM

**\*75792\***

Page 2

Item ID: D3489-3-200

Accept

**\*N900040100\***Setup Start **\*NS1\***

Revision ID:

Item Name: PIP PIN

Stop **\*NS2\***

Start Date: 10/31/11 Start Qty: 12.00

**\*12\***

Cust Item ID:

Required Date: 11/04/11 Req'd Qty: 12.00

**\*12\***

Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start **\*NR1\***

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop **\*NR2\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

Identify as per dwg & Stock Location: *STGA*

0.00

**\*130\***

Packaging

Memo

0.00

Packaging

*SP 11-11-1*

140

QC21- Final Inspection - Work Order Release

0.00

**\*140\***

QC

Memo

0.00

Quality Control

*Muloz**11-11-02*  
*(12)*

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries

# Picklist Print

October 31, 2011 11:20:43 AM

Page 1

Work Order ID: 75792

Parent Item: D3489-3-200

Parent Item Name: PIP PIN

Start Date: 10/31/11

Required Date: 11/04/11

Start Qty: 12.00

Required Qty: 12.00

Comments: IPP Rev:A New Issue 06-03-10 JLM

| Component Item ID/<br>Item Name | Replacement<br>Item ID | Mfg/<br>Purch | Bin<br>Item | Primary<br>Location | Last<br>Location | Route<br>Seq ID | Unit of<br>Measure | Qty on<br>Hand | Qty per Kit | Total<br>Qty | Qty<br>Issued | Date<br>Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
| 806206<br><del>PIP PIN</del>    |                        | Purchased     | No          |                     |                  | 100             | Each               | 0.0000         | 1           | 12           |               | 10/31/11       | 22     |

22.82

Dart Aerospace Ltd

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries



|                  |                |   |                        |
|------------------|----------------|---|------------------------|
| DESIGN<br>CP     | DRAWN BY<br>CP | DART AEROSPACE LTD<br>HAWKESBURY, ONTARIO, CANADA |                        |
| CHECKED<br>H     | APPROVED<br>H  | DRAWING NO.<br>D3489                              | REV. A<br>SHEET 1 OF 1 |
| DATE<br>06.01.04 |                | TITLE<br>PIP PIN                                  | SCALE<br>NTS           |
| A                | 06.01.04       | NEW ISSUE   |                        |

RELEASED  
65-3-21 (P)  
10-11-03

## SPECIFICATION CONTROL DRAWING

### 1) SPECIFICATION: D3489-X-YYY PIP PIN

WHERE 'X' IS THE NOMINAL SIZE IN 1/16THS OF AN INCH  
AND 'YYY' IS THE GRIP LENGTH IN TENTHS OF INCHES

FOR EXAMPLE, D3489-3-050 IS 3/16" NOMINAL O.D. WITH 0.50" GRIP

### 2) ACCEPTABLE SUPPLIERS / PART NUMBERS TO PURCHASE

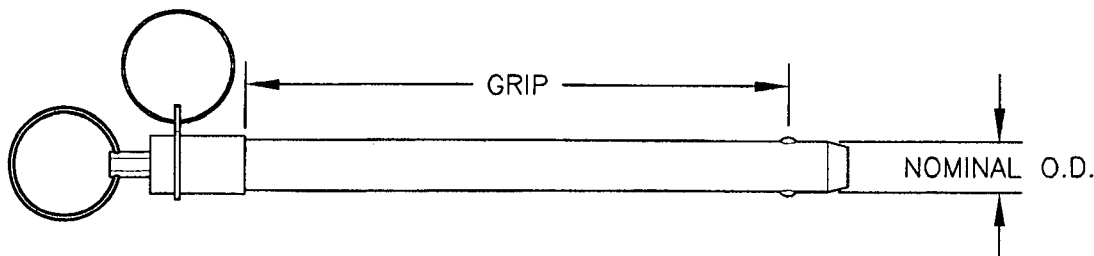
| DART<br>P/N | Nominal<br>O.D. | GRIP | Possible Suppliers |           |
|-------------|-----------------|------|--------------------|-----------|
|             |                 |      | JERGENS            | REID      |
| D3489-3-050 | 3/16"           | 0.50 | 806200             | DARS-000D |
| D3489-3-075 | 3/16"           | 0.75 | 806201             | -         |
| D3489-3-100 | 3/16"           | 1.00 | 806202             | DARS-001  |
| D3489-3-125 | 3/16"           | 1.25 | 806203             | -         |
| D3489-3-150 | 3/16"           | 1.50 | 806204             | -         |
| D3489-3-175 | 3/16"           | 1.75 | 806205             | -         |
| D3489-3-200 | 3/16"           | 2.00 | 806206             | DARS-004  |
| D3489-3-250 | 3/16"           | 2.50 | 806208             | DARS-005  |
| D3489-3-300 | 3/16"           | 3.00 | 806209             | -         |
| D3489-4-050 | 1/4"            | 0.50 | 806216             | DARS-009  |
| D3489-4-075 | 1/4"            | 0.75 | 806217             | -         |
| D3489-4-100 | 1/4"            | 1.00 | 806218             | -         |
| D3489-4-125 | 1/4"            | 1.25 | 806219             | -         |
| D3489-4-150 | 1/4"            | 1.50 | 806220             | DARS-020  |
| D3489-4-175 | 1/4"            | 1.75 | 806221             | -         |
| D3489-4-200 | 1/4"            | 2.00 | 806222             | DARS-030  |
| D3489-4-250 | 1/4"            | 2.50 | 806224             | DARS-035  |
| D3489-4-300 | 1/4"            | 3.00 | 806225             | DARS-040  |
| D3489-4-400 | 1/4"            | 4.00 | 808227             | DARS-050  |

Q211/10/31  
Q10: 75792

### 3) DESCRIPTION: DOUBLE ACTING, STAINLESS STEEL, QUICK-RELEASE BALL LOCK PINS WITH RING HANDLE

### 4) MATERIAL: STAINLESS STEEL. MIN. PULL OUT STRENGTH = 200LBS (3/16" PINS) OR 230LBS (1/4" PINS). MIN. DOUBLE SHEAR = 5150LBS (3/16" PINS) OR 9200LBS (1/4" PINS).

### 5) ALL DIMENSIONS ARE IN INCHES



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Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO15312**

Purchase Order Date 10/31/11

PO Print Date 10/31/11

Page Number 1 of 2

Order From :

VC-HAS001

HASKINS INDUSTRIAL  
5-52 ANTARES DRIVE  
NEPEAN, ON K2E 7Z1  
CA

Contact Name

Vendor Phone

613 723 8800

Vendor Fax

613 723 8806

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD

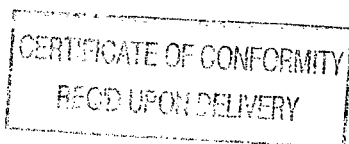
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

| Line Nbr | Reference<br>Revision ID<br>Vendor Part Number | Description/<br>Mfg ID | Req Date/<br>Taxable              | Req Qty/<br>Unit of Measure | Ship Method | Unit Price | Extended<br>Price |
|----------|--|------------------------|-----------------------------------|-----------------------------|-------------|------------|-------------------|
| 1        | 806206   | PIP PIN                | 11/04/11<br>Yes                   | 12.00<br>Each               | Dicom       | \$22.8200  | \$273.84          |
|          |  | Special Inst:          | AS PER DWG D3489 REV. A<br>B75792 |                             |             |            |                   |
| 2        |  | HX-9 8-32 CAP SCREW    | 11/04/11<br>Yes                   | 1.00<br>Each                | Dicom       | \$2.4100   | \$2.41            |
| 3        |  | HX-82 1/4-20           | 11/04/11<br>Yes                   | 1.00<br>Each                | Dicom       | \$5.9200   | \$5.92            |
| 4        |  | HN-2010 NUT 1/4-20     | 11/04/11<br>Yes                   | 1.00<br>Each                | Dicom       | \$28.3700  | \$28.37           |

Deliver To: CNC

Deliver To: CNC

Deliver To: CNC



No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

Change Nbr: 1

Change Date: 10/31/11



HASKINS INDUSTRIAL INC.  
5-52 ANTARES DRIVE

\*\* PACKING SLIP \*\*

Order # 124207400.

NEPEAN, ONTARIO K2E 7Z1  
TEL (613)723-8800 FAX (613)723-8806

Order Date 10/31/11

Page 1 of 1

Sold To: DART AEROSPACE LTD.  
1270 ABERDEEN STREET  
HAWKESBURY  
ON  
K6A 1K7

Ship To: DART AEROSPACE LTD.  
1270 ABERDEEN STREET  
HAWKESBURY  
ON  
K6A 1K7

|                               |                     |                 |                                |
|-------------------------------|---------------------|-----------------|--------------------------------|
| Cust Phone #<br>(613)632-5200 | Warehouse<br>OTTAWA | F.O.B.<br>DESTR | Taken By<br>Sylvie 613-723-880 |
|-------------------------------|---------------------|-----------------|--------------------------------|

| Cust # | Customer P/O # | Required | Orig Order | Slsm | Ship Via | Terms  |
|--------|----------------|----------|------------|------|----------|--------|
| 05168  | 15312          | 11/01/11 | 1242037.00 | PL   | DICOM    | NET 30 |

| Ln# | Bin #  | Order UM | Ship | B/O | Product   | Description                        |
|-----|--------|----------|------|-----|-----------|------------------------------------|
| 1   |        | 50 C     | 0    | 50  | SP1X100   | HX-9 1/4-28 X 2 SKT HD CAP SCREW   |
| 2 * |        | 3 EA     | 0    | 3   | SO1X1     | 124-967 8-32 SPRL FLUTE TAP        |
| 3   | 030220 | 12 EA    | 12   |     | JG-806206 | 3/16 DBL ACTION RING HANDLE 806206 |
| 4   |        | 100 C    | 0    | 100 | SP1X100   | HX-82 1/4-20 SKT HD CAP SCREW      |
| 5   |        | 100 C    | 0    | 100 | SP1X100   | HN-2010 1/4-20 NUT                 |

PLEASE NOTE:

1. NO RETURNS WITHOUT PRIOR AUTHORIZATION
2. ALL SHORTAGE CLAIMS MUST BE WITHIN 10 DAYS
3. BO CODE: BO = QTY NOT SHIPPED IS BACK-ORDERED  
CL= QTY NOT SHIPPED WAS CANCELLED  
SC= ITEM CONSIDERED COMPLETE - NO B/O CREATED

FILL *me* PACK *B* DATE 10/31/11  
Printed on 2011-10-31 at 13:23